

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: SHINICHIROU HARASAWA, et al.

1/2

Serial No.:

Filed:

Title: INPUT MONITORING SYSTEM FOR OPTICAL AMPLIFYING REPEATER

Examiner: K. NEGASH

Group Art Unit: 2607

May 21, 1998

Assistant Commissioner for Patents
Washington, D. C. 20231

PRELIMINARY AMENDMENT

SIR:

Prior to the issuance of a first Office Action please amend the application as follows:

Please add the following new claims:

--15. An optical amplifier comprising:
an input terminal receiving an optical input signal;
an optical coupler dividing the optical input signal into a first optical signal and a second optical signal;
an optical filter operatively connected to the optical coupler and passing the optical input signal of the first optical signal;

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634

Filed by Express Mail
(Receipt No. EWD613997224S
on 5-21-98
pursuant to 37 C.F.R. 1.10.
by *Frances Doyle*

*2.
Level
of noise
and noise*

a detector operatively connected to the optical filter for detecting a level of the optical input signal; and

OB

an optical fiber amplifier operatively connected to the optical coupler for amplifying the optical input signal of the second optical signal. - -

OA

--16. An optical amplifier comprising:

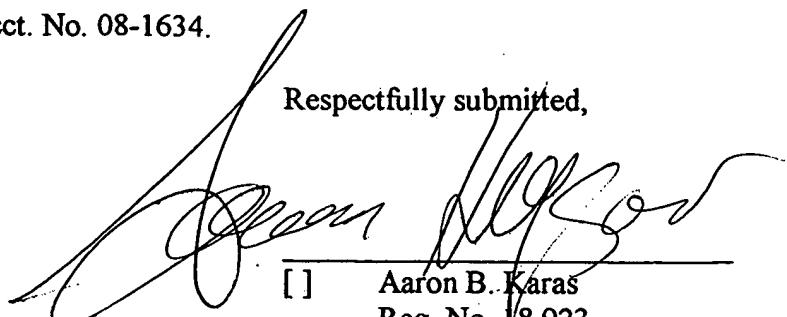
- an input terminal receiving an optical input signal;
- an optical coupler dividing the optical input signal into a first optical signal and a second optical signal;
- an optical filter operatively connected to the optical coupler and blocking an exciting light;
- a detector operatively connected to the optical filter for detecting a level of the optical input signal; and
- an optical fiber amplifier operatively connected to the optical coupler for amplifying the optical input signal of the second optical signal. - -

R E M A R K S

Any fee due with this paper, not fully covered by an enclosed check, may be

charged on Deposit Acct. No. 08-1634.

Respectfully submitted,



[] Aaron B. Karas
Reg. No. 18,923
[x] Samson Helfgott
Reg. No. 23,072
[] Russell Gross
Reg. No. 40,007

HELGOTT & KARAS, P.C.
EMPIRE STATE BUILDING
60TH FLOOR
NEW YORK, NEW YORK 10118
(212) 643-5000
Docket No.: FUJH 13.010
SH:RG:fia:13.010pre

2025 RELEASE UNDER E.O. 14176